



Champaign, Illinois, Manufactured Gas Plant Site Progress Report – January 2011

All of us at Ameren Illinois are committed to making certain you are fully informed with regard to the ongoing work at the site of the former manufactured gas plant at 5th and Hill streets in Champaign. Since our last update in September 2009, five additional phases of cleanup have been completed covering approximately 75 percent of the site area. Five groundwater sampling events have also been completed since September 2009. The cleanup of the 5th and Hill site is projected for completion in June of 2011.



Estimated Soil Quantities: Each phase of cleanup proceeded with the removal of impacted soil to depths up to 25 feet below ground surface and the excavations were backfilled with clean soil and/or crushed stone. The soil was loaded into trucks and transported to a permitted landfill. Approximately 131,000 tons of impacted soil has been removed from the site to date.

Photo: Excavator loading soil into trucks for landfill disposal.

Water Treatment: All water that came into contact with the open excavations was treated by an onsite water treatment system. The water treatment system was designed to remove particles and contaminants from the water prior to discharge into the city's sanitary sewer line. Approximately 80 samples of the treated wastewater were collected and sent to a laboratory for analysis to ensure that the water quality met the standards set by the city. Approximately 875,000 gallons of treated water have been discharged into the sanitary sewer to date.



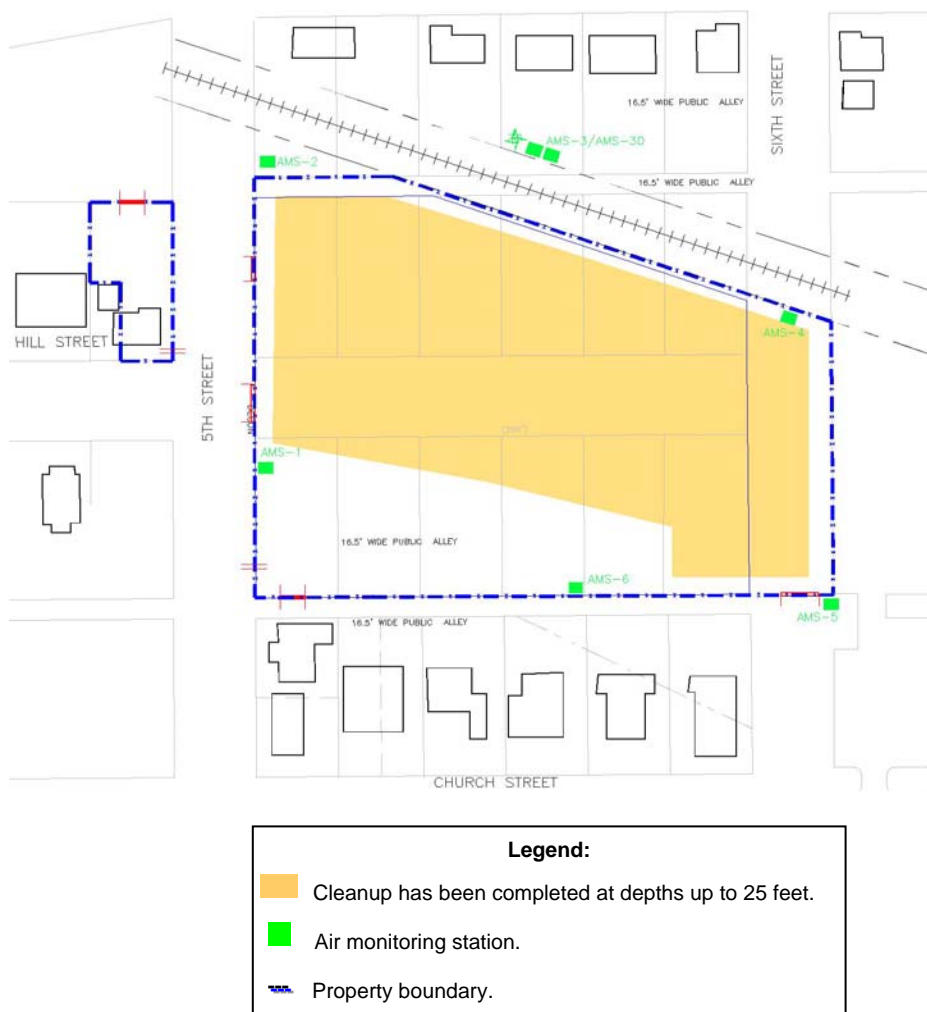
Photo: Wastewater treatment system.

Air Quality: Three types of air quality monitoring have taken place at the site since the cleanup activities began. The first consists of “time-integrated” sampling, where air samples are collected on 72-hour intervals from six stations located around the site perimeter. Real-time air monitoring has also been conducted on the site perimeter. Real-time air monitoring consists of a technician walking the site perimeter every hour using portable air monitoring equipment to obtain instantaneous readings. These readings are recorded on field data sheets and posted at the information station at 5th and Hill streets. In addition to the real-time perimeter monitoring, the air quality technician also monitors the intake and exhaust of the carbon filtering units located inside and outside the tent structure. Air monitoring has confirmed that the tent structure and the carbon filters are doing their job and emission limits have not been exceeded during the project. A total of approximately 190 air sampling events have been completed since the beginning of the cleanup.

Soil Gas Monitoring: At several locations we have evaluated soil at the neighborhood locations and have confirmed that vapors are not posing a health concern.

Groundwater Quality: Groundwater sampling of the 21 monitoring wells surrounding the site has been conducted every three months during the remediation. The extent of off-site groundwater impacts are limited and have been fully defined by the existing monitoring well network. We also sampled water from sumps in several basements in the immediate vicinity of the MGP site. We expect that groundwater quality will continue to improve as additional impacted soil materials are removed from the site.

Cleanup Schedule: Six of the nine cleanup phases (or approximately 75 percent of the total site area) have been completed on the 5th and Hill site. The remaining three phases of cleanup are in progress, as illustrated in the figure below. A final fact sheet containing details of the project completion will be issued after the cleanup is finished.



Contacts: If you have questions about this project, you may contact Mr. Leigh Morris at 1-217-535-5228 or by e-mail at lmorris@ameren.com. His mailing address is Ameren Illinois, 200 W. Washington Street, Springfield IL 62701.

Should you want to discuss the Illinois EPA's oversight role, contact Dr. Stan Black at 1-217-785-1427 or by e-mail at stan.black@illinois.gov. His mailing address is Office of Community Relations, Illinois EPA, PO Box 19276, Springfield IL 62794-9726.

Champaign City District 1 Council Member William Kyles may be reached at 1-217-552-3625 or by e-mail at williamkyles2@yahoo.com.

We have placed a collection of documents associated with the project in a Site Information Repository located at the Douglass Branch of the Champaign Public Library at 504 E. Grove Street, Champaign. The telephone number of the library is 1-217-403-2090. Library hours are Monday – Thursday 10:00 a.m. until 8:00 p.m., Friday 10:00 a.m. until 6:00 p.m., Saturday 10:00 a.m. until 4:00 p.m.

The site information also is available at the Champaign City Building, located at 102 N. Neil Street. This facility is open from 8:00 a.m. to 5:00 p.m. weekdays, unless otherwise posted. The report and fact sheets may be reviewed at the Information Desk located in the Atrium Lobby. If you have questions or the desk is temporarily un-staffed, you may inquire at the Neighborhood Services Department in the same building or call 1-217-403-7070.

Site-related documents may also be found on the Ameren website at:

<http://www.ameren.com/sites/aiu/Community/Pages/ChampaignMPGRemediation.aspx>